A spread illuminating apparatus according to claim 2, wherein said groove portions are substantially triangular in cross section.--

between said groove portions is decreased as the distance from said bar-like light source increases.--

6 --11. A spread illuminating apparatus according to claim 2, wherein the depth of said groove portions is increased as the distance from said bar-like source increases.--

7 --12. A spread illuminating apparatus according to claim 2, wherein an angle defined between each of said groove portions and the side of said transparent substrate opposing said bar-like light source is in the range of 10-45 degrees.--

--13. A spread illuminating apparatus according to claim 2, wherein said bar-like light source comprises a bar-like fluorescent tube.--

--14. A spread illuminating apparatus according to claim 2, wherein-said-bar-like light source includes a bar-like transparent-light conductive member and a light emitting diode which is provided at the end portion of said bar-like transparent light conductive